

MASTER SAFETY ITEMS

OSHA ITEMS

1	Overhead and gantry cranes	29CFR1910.180	Annual (Min)
2	Mobile cranes	29CFR1910.180	Annual
3	Escalators	29CFR1910.180	Annual

STRUCTURAL INSPECTIONS

1	Theaters, chapels, gyms, assembly halls, etc	AR 420-70, para 4-3	Annual
2	Long span trusses, timber trusses, pilasters/columns	AR 420-70, para 4-3	Every 2 Years
3	All roof trusses	AR 420-70, para 4-3	Every 5 Years
4	Structural inspection of confidence and obstacle courses		Annual

RAILROADS

1	Railroad tracks	AR 420-72, TM 5-628	Annual
2	Electrical test of electrical grounding of railroad tracks involved in ammunition transportation or storage	AR 385-64, Paragraphs 7-12 and 16-8; Bureau of Explosives (BOE) Pamphlet 6	Every 24 months

HIGH PRESSURE BOILERS

1	High-pressure steam boilers	AR 420-49, para 2-13b; TM 5-651	Annual
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BRIDGES AND CULVERTS

1	Bridges and major culverts (Inventory and maintenance inspection)	AR 420-72, para 3-7	Annual
2	Bridges and major culverts (Routine inspection)	AR 420-72, para 3-7	Every 3 Years
3	Bridges and major culverts (In-depth inspection)	AR 420-72, para 3-7	Not To Exceed Every 5 Years

AIRFIELDS/HELIPORTS GENERAL

1	Critical Category I Army airfields pavement condition survey and structural evaluation to include (NDT)	AR 420-72; AR 385-95	Not to exceed Every 5 years
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2	All other Category I Army airfields condition survey and structural evaluation	AR 420-72; AR 385-95	Every 4 years
3	Structural evaluation and condition survey of instrumented heliports	AR 420-72; AR 385-95	Every 8 years
4	General airfield inspection	AR 420-72; AR 385-95	Annual
5	Aircraft hanger grounding systems tested		Annual Or When Damage Discovered
6	Aircraft ammunition operations ground rods electrically tested	AR 385-64; DA PAM 385-64, Table 6.1	12 Months
7	Airfield lighting	TM 5-811-5	IAW TM
8	Aircraft/refuel vehicle static grounds (POL - refueling pads)	FM 10-67-1	IAW FM and at least every 5yrs
NATURAL GAS SYSTEMS			
1	Natural gas system leak test	AR 420-49 and TM 5-654	Annual
2	Inspection of cathodic protection systems	NACE Standards RP-01-69 and RP-08-85	Quarterly
ELECTRICAL SYSTEMS			
1	Power circuit breakers and protective relays tested, exercised, and calibrated	AR 420-49; TM 5-682/683/684	Every 2 Years
2	Power system analysis	AR 420-49; TM 5-682/683/684	Every 3 Years
DISTRIBUTION SYSTEMS (HIGH PRESSURE)			
1	High pressure distribution systems (over 15 psi of gas, steam, or air) inspected	AR 420-49 and TM 5-653	Annual
LIGHTNING AND GROUNDING PROTECTION			
1	Lightning and grounding protection electrically tested	NFPA 780, AR 385-64, AR 420-49	Every 14 Months
2	Lightning and grounding protection visually inspected	NFPA 780, AR 385-64, AR 420-49	Every 7 Months

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3	Lightning and grounding protection electrically tested (Explosives Storage/operations)	AR/DAP 385-64	24 Months Test IAW DAP procedure
4	Lightning and grounding protection visually inspected (Explosives Storage/operations)	AR/DAP 385-64	6Mos
WATER SYSTEMS			
1	Physical, inorganic, organic, and radiological surveillance	TB MED 576, para 8-2.a.2	Every 3-5 Years
2	Inspect and certify backflow prevention	TM 5-660, para 9-32	Annual
3	Maintain water storage systems	AR 420-49 and TM 5-660, Table 8-4	Annual
4	Maintain valves and access	TM 5-660, Table 8-1	Annual
5	Calibration and certification of meters and gauges		Annual
WASTEWATER SYSTEMS			
1	Certify and calibrate effluent meters		Annual
MISCELLANEOUS SYSTEMS			
1	Inspect ventilation systems for hazardous operations	NFPA 43-15, para 6-14.1	Annual
DAM SAFETY			
1	Inventory and classifications of dams reviewed and validated	FEMA - Federal Guideline for Dam Safety	Every 2 Years
2	Formal structural inspection of dams per FEMA 93	FEMA - Federal Guideline for Dam Safety	Not To Exceed 5 Years
3	Special inspection of dams following unusual events per FEMA 93	FEMA - Federal Guideline for Dam Safety	As Required
4	Inventory and classifications of dams reviewed and validated	FEMA - Federal Guideline for Dam Safety	Every 2 years
5	Emergency action plans for high hazard dams reviewed/updated per FEMA 84	FEMA - Federal Guideline for Dam Safety	Annual
6	Systems safety review of dams per FEMA 93	FEMA - Federal Guideline for Dam Safety	Annual
7	SOPs for operation of dams per FEMA 93	FEMA - Federal Guideline for Dam Safety	Annual
8	Intermediate inspection of dams per FEMA 93	FEMA - Federal Guideline for Dam Safety	Annual Preferred; Biannual

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		Minimum As Required
9	Emergency action plans for high hazard dams prepared per FEMA 64	FEMA - Federal Guideline for Dam Safety
UNDERGROUND STORAGE TANKS		
1	Underground storage tanks	40 CFR (280-281) Annual
HAZARDOUS MATERIALS		
1	Lead Paint inspection and control	AR 200-1, Paragraph 4-6 Annual
2	Buildings/facilities containing asbestos inspected	AR 200-1, Chapter 8 Annual
3	Radon levels	AR 200-1, Chapter 9
FIRE PREVENTION/PROTECTION		
1	Fire pumps	AR 420-90, TM 5-696; UFC 3-600-02, Table 2-13 2 yr and 5 yr
2	Fire Alarm Systems	NFPA 72 See Reference for frequency
3	Fire Alarms - Air Duct	NFPA 72, para 2-3.4/A-2.3.4.1/B-4 See Reference for frequency and type of facility
4	Fire Alarms - Dampers	NFPA 72, B-2 See Reference for frequency and type of facility
5	Fire Alarms - Filters	NFPA 72, B-3-5 See Reference for frequency and type of facility
6	Fire Alarms - Plenums	NFPA 72. See Reference for frequency and type of facility
7	Hydrants and Monitors (includes flushing of hydrants)	UFC 3-600-02, Table 2-12 and TM 5-660, Table 8-3 2 yr, 5 yr, & after use

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8	Wet Pipe Sprinkler Systems	UFC 3-600-02 Table 2-2	Annual, 2 yr, 5 yr, 10 yr, 20 yr, 50 yr, & as part of bldg. Insp
9	Dry Pipe Automatic Sprinkler Systems	UFC 3-600-02 Table 2-3	Annual, 2 yr, 5 yr, 10 yr, 20 yr, 50 yr, & as part of bldg. Insp IAW
10	Deluge Sprinkler Systems	UFC 3-600-02 Table 2-4	Annual, 2 yr, 5 yr, 10 yr, & as part of bldg. Insp
11	Pre-Action Automatic Sprinkler Systems	UFC 3-600-02 Table 2-5	Annual, 2 yr, 5 yr, 10 yr, 20 yr, 50 yr, & as part of bldg. Insp
12	Water Spray Systems	UFC 3-600-02 Table 2-6	Annual, 2 yr, 5 yr, 10 yr, 20 yr, 50 yr, & as part of bldg. Insp
13	Water Mist Systems	UFC 3-600-02, Table 2-7	Annual, 5 yr, 5-12 yr, & as part of bldg. Insp
14	Low Expansion Foam Systems for Flammable Liquid Tanks	UFC 3-600-02, Table 2-8	Annual & 5 yr IAW
15	Foam Spray and Sprinkler Systems	UFC 3-600-02, Table 2-9	2 yr, 5 yr, 10 yr & as part of bldg. Insp
16	High Expansion Foam Systems	UFC 3-600-02, Table 2-10	Annual, 2 yr, after activation, & as part of bldg. Insp
17	Standpipe Systems	UFC 3-600-02, Table 2-11	2 yr, 5 yr, & as part of bldg. Insp
18	Water Supply Tanks	UFC 3-600-02, Table 2-14	Annual, 2 yr, 3 yr, 5 yr
19	Dry Chemical Systems	UFC 3-600-02, Table 2-15	Semi-Annual, Annual, 5-12 yr, & as part of bldg. Insp
20	Wet Chemical Systems	UFC 3-600-02, Table 2-15	Semi-Annual, Annual, 5-12 yr, & as part of bldg. Insp
21	Halon Systems	UFC 3-600-02, Table 2-17	Annual, 2 yr, 5 yr, & as part of bldg. Insp
22	Clean Agent Systems	UFC 3-600-02, Table 2-18	Annual, 2 yr, 5 yr, & as part of bldg. Insp
23	Carbon Dioxide Systems	UFC 3-600-02, Table 2-19	Semi-Annual, Annual, 2 yr, & as part of bldg. Insp